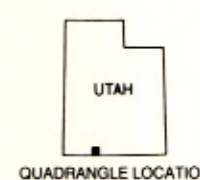


SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 5 10 KILOMETER
CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

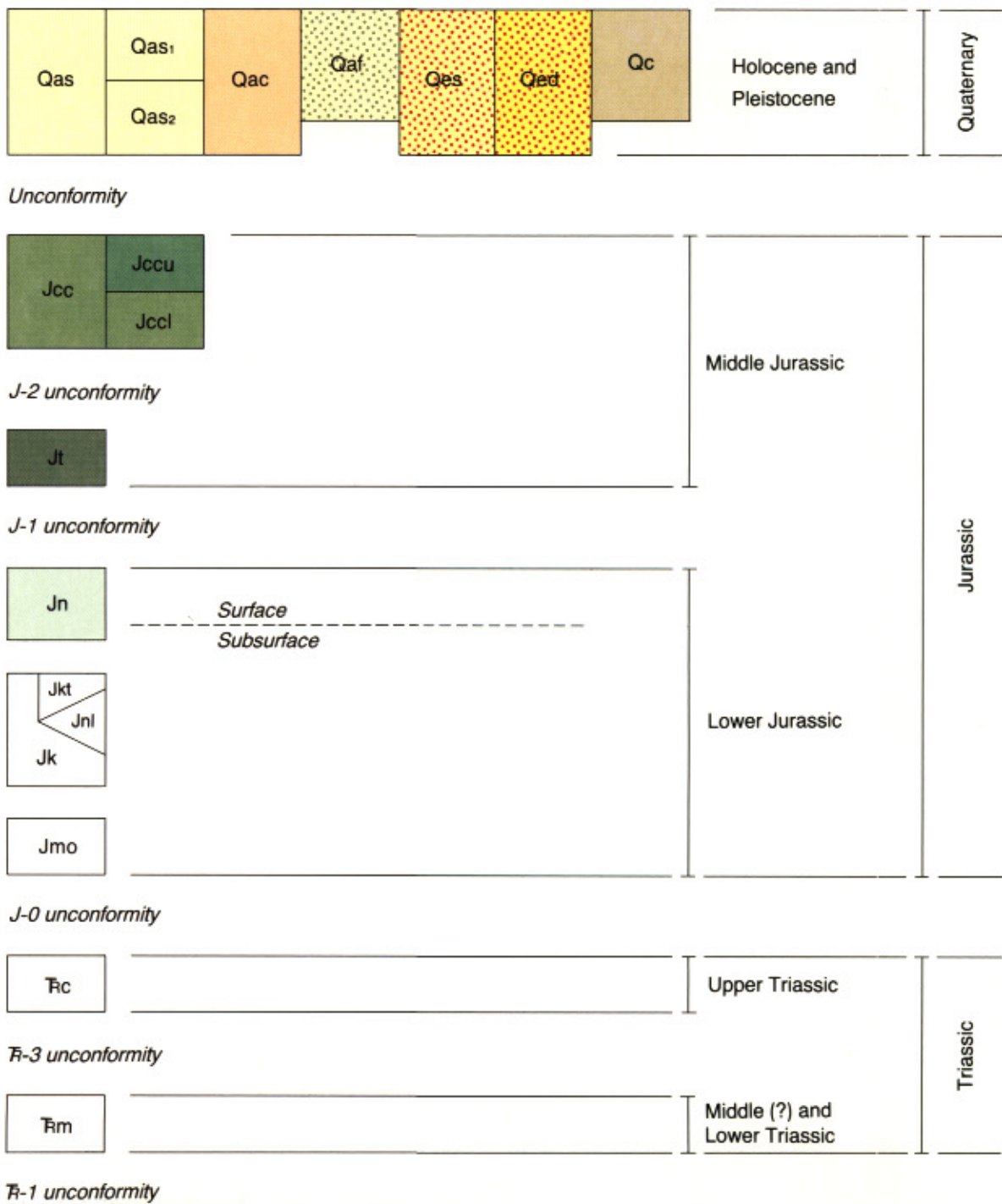
**GEOLOGIC MAP OF THE
ELEPHANT BUTTE QUADRANGLE,
KANE COUNTY, UTAH, AND
MOHAVE COUNTY, ARIZONA**
by
Edward G. Sable and Hellmut H. Doelling

1990

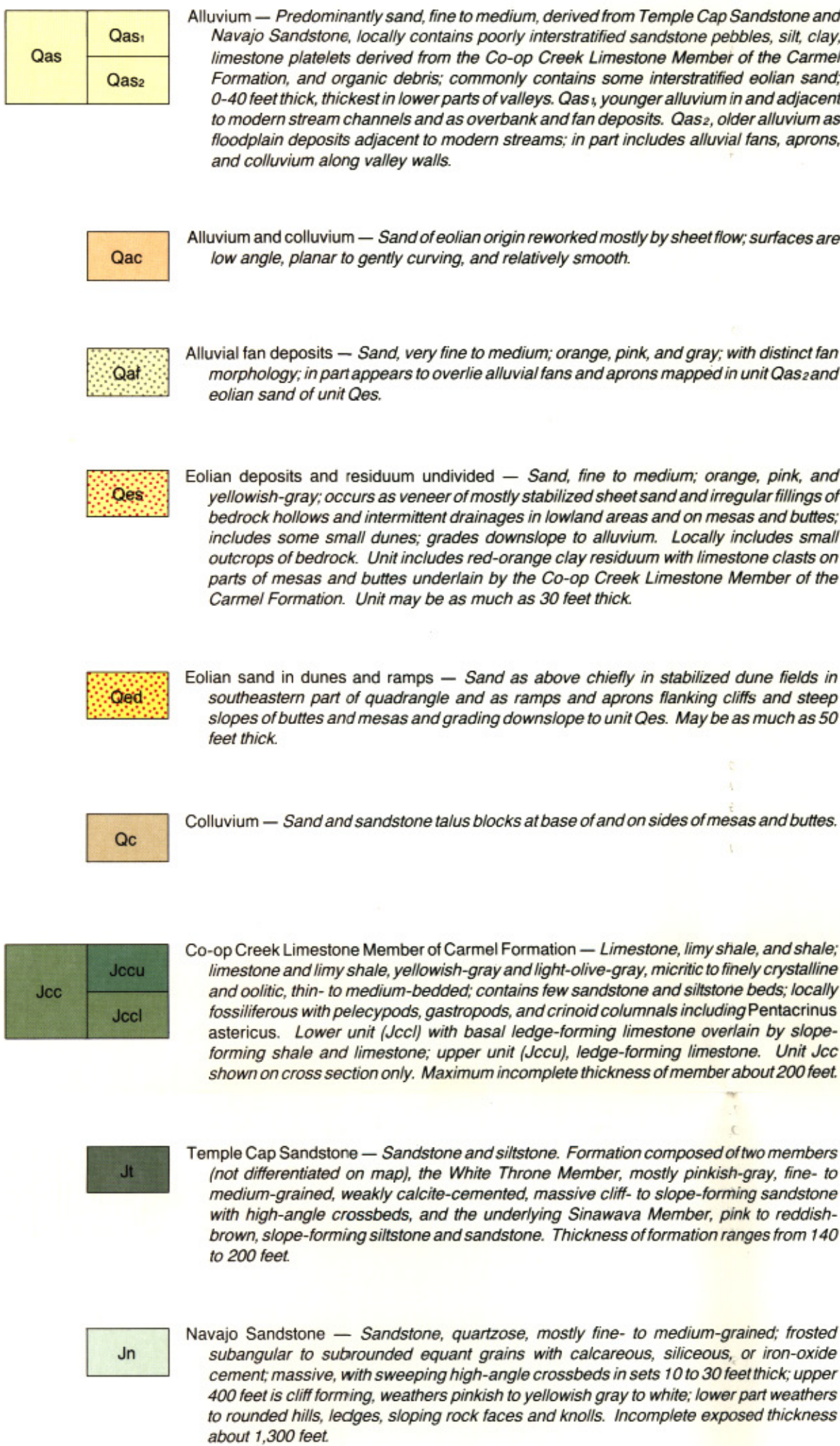
Field work completed in 1985-86 by authors
Cartography by J.W. Parker



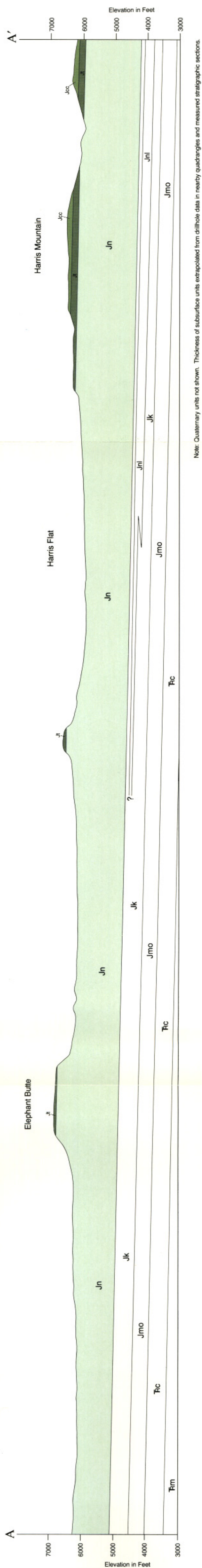
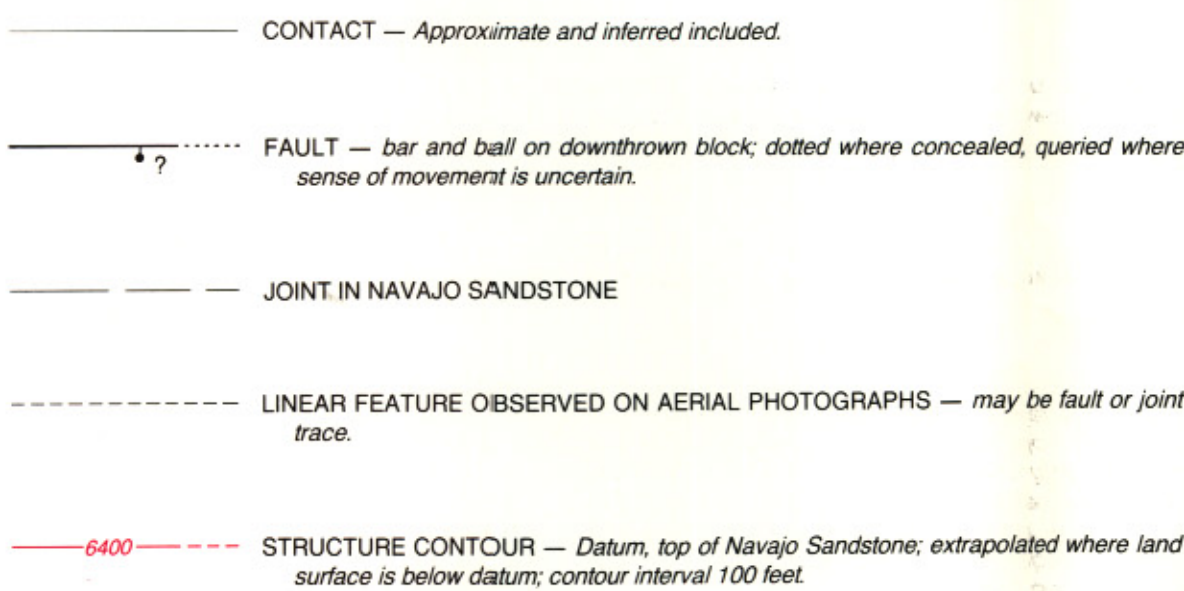
CORRELATION OF MAP AND SUBSURFACE UNITS



DESCRIPTION OF MAP UNITS



MAP SYMBOLS



Note: Quaternary units not shown. Thickness of subsurface units extrapolated from drillhole data in nearby quadrangles and measured stratigraphic sections.

PERIOD	EPOCH	FORMATION	MEMBER	SYMBOL		THICKNESS Feet (Meters)	LITHOLOGY
JURASSIC	Middle Jurassic	Carmel Formation	Co-op Creek Limestone Member	Jcc	Jccu	200+ (61+)	
			Jcci		J-2		
		Temple Cap Sandstone	White Throne Member	Jt	140-200 (43-61)	J-1	
	Sinawava Member						
	Lower Jurassic	Navajo Sandstone	"white" unit	Jn	1800± (549±)		
			? ?				
			"pink" or "vermillion" unit				
	JURASSIC (?)	Lower Jurassic (?)	Kayenta Formation	Tenney Canyon Tongue	Jkt	550-700 (167-213)	
				Lamb Point Tongue of Navajo Sandstone	Jnl		
				main body	Jk		
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